

# Purchase Order Receipt Listing

Friday, March 06, 2015 8:38:12 AM

All amounts are calculated in domestic currency.

All Vendors PO ID PO27589 Receipt Dates from 3/6/2015 to 3/6/2015 All Line Item Types  
All Item ID/GL/WOs All Rec. Employees All Currencies  
Grouped by Vendor ID

Purchase Order ID/ Curt Type	Line Nbr/ Insp	Project ID	Reference/ Description/ Cert Std	PO U/M/ Stock U/M	Required Date Required Qty	Recv Date/ Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MIRB Qty/ MIRB Reject Qty	Book Amt
Vendor ID \ Vendor Name VC-MAR001 - Harmon/Kystone Canada Ltd.											
PO27589 CAD	1 No		M304TR0.500W.035 f 304 RD Tube .500 x f .035W m131717		3/6/2015 100.0000	3/6/2015 DCUSER	100.0000	\$0.88 \$87.98	0.0000 0.0000	0 0	\$87.98
	2 No		M304TR0.750W.049 f 304 RD Tube .750 x f .049W m131717		3/6/2015 200.0000	3/6/2015 DCUSER	200.0000	\$1.60 \$319.92	0.0000 0.0000	0 0	\$319.92
	3 No		M304TR0.875W.065 f 304 round tube .875 f x .065W m131717		3/6/2015 60.0000	3/6/2015 DCUSER	60.0000	\$4.24 \$254.34	0.0000 0.0000	0 0	\$254.34
	4 No		M304TRL1.125W.065 f 304 RD Tube 1.125 x f 065W m131717		3/6/2015 20.0000	3/6/2015 DCUSER	20.0000	\$10.52 \$210.35	0.0000 0.0000	0 0	\$210.35
	5 No		71401-45 PROCUREMENT QUALITY CLAUSES m131717		3/6/2015 1.0000	3/6/2015 DCUSER	1.0000	\$0.00 \$0.00	0.0000 0.0000	0 0	\$0.00

Total Received Quantity: 381.0000  
Total Qty to Inspect (PO U/M): 0.0000  
Total Reject Quantity: 0.0000  
Total Receipt Value: \$872.58  
Total Balance Due Quantity: 0.0000





**Marmon/Keystone Canada Inc.**

ACIERS SPÉCIALISÉS

290 Chemin du Tremblay  
Boucherville QU CAN J4B 5X9  
TEL. 514/527-9153  
FAX. 450/641-4357

PACKING SLIP

PAGE... 1  
Order : 19586  
Date... 03/04/2015

SOLD TO:

DART AEROSPACE LTD  
1270 ABERDEEN STREET

HAWKESBURY ON CAN K6A 1K7

SHIPPED TO:

DART AEROSPACE LTD  
1270 ABERDEEN STREET

HAWKESBURY ON CAN K6A 1K7

m/31717

SHIP VIA.....: TST OVERLAND #222212  
F.O.B.....: BOUCHERVILLE  
YOUR ORDER NO.....: PO27589

SALESPERSON.....: C. Gee

Ordered	Description	Number Pieces	Quantity Shipped	Back Ordered
	Fax all papers to Linda Lacelle 613-632-1053 rev:01/11 GD			
01	60 /FT STAINLESS STEEL SEAMLESS TUBE STS .875 .065 304L Tariff Number: 7304.41.99.90 Cust. part#: M304TR0.875W.065 HT#.....: YX1402-685 Total...	3 3	60/FT 60/FT	✓
02	20 /FT STAINLESS STEEL SEAMLESS TUBE STS 1.125 .065 304L Tariff Number: 7304.41.99.90 Cust. part#: M304TR1.125W.065 HT#.....: YX1112-025 Total...	1 1	20/FT 20/FT	✓
03	100 /FT STAINLESS STEEL SEAMLESS TUBE SMLS TUBE 304L 1/2 X .035 A213 STS .500 .035 304L Tariff Number: 7304.41.19.90 Cust. part#: M304TR0.500W.035 HT#.....: YX1305-692 Total...	5 5	100/FT 100/FT	✓
04	200 /FT STAINLESS STEEL SEAMLESS TUBE SMLS TUBE 304L 3/4 X .049 A213 STS .750 .049 304L Tariff Number: 7304.41.99.90 Cust. part#: M304TR.0750W.049 HT#.....: YX1408-574 Total...	10 10	200/FT 200/FT	✓

Q15-036

Packaging:

Total Weight.....: 139.3

Customers.: \_\_\_\_\_



A Marmon Distribution Services/Berkshire Hathaway Company



PUFA™

Producer of Premium Stainless Steel Seamless Tubes

## MILL TEST REPORT

Purchaser.: Fidelity PAC Metals Ltd.				Certificate No.: 14-11-245					
Contract No.: FPM P.O. No.: P003432				Date of Issue.: 2014.11.24					
Commodity: Stainless Steel Seamless Tubes		Specifications: ASTM A213-14/ASME SA213-13/ASTM A269-14 EAW							
Process: Cold Drawn				Delivery Condition: OD Polished to 320 Grit					
Steel Grade	Heat Number	Lot Number	Dimensions	Quantity					
				Pieces	Feet				
TP304/TP304L	YX1402-685	10-65	7/8" x 0.065" x 20'	6	120				
Chemical Composition by Weight (%)									
Element	C	Mn	P	S	Si	Cr	Ni	Mo	Co
Requirements	≤0.035	≤2.00	≤0.045	≤0.030	≤1.00	18.00-20.00	8.00-12.00	-	-
Ladle Analysis	0.013	0.66	0.032	0.003	0.41	18.37	8.05	-	-
Product Analysis	0.018	0.66	0.033	0.005	0.39	18.57	8.40	-	-
Mechanical Properties									
Test Item	Elongation (% in 2")	Tensile Strength (MPa)		Yield Strength (MPa)					
		Rm		Rp / 0.2%					
Requirements	≥35	≥515		≥205					
Test Results	63/64	660/670		290/300					
Test Item	Reduction of Area Z (%)	Hardness	Cold Bend Test	Flaring Test	Flattening Test	Flange Test	P.M.I. Test		
Requirements	-	HRB≤80	-	22%	e=0.09	-	-		
Test Results	-	77/79	-	Passed	Passed	-	OK		
Test Item	Eddy Current Test	Air Underwater Pressure Test	Ultrasonic Test	Intergranular Corrosion Test	Macroscopic Inspection				
Requirements	ASTM E 426	-	-	ASTM A262 E	End Cut	Appearance			
Test Results	Passed	-	-	OK	OK	OK			

ISO 9001:2008 Certified by Intertek 110703068

PED Certified by SZUTEST 2195-PED-1221604

## Additional Remarks:

- (1) All tubes annealed to above 1900 Deg F and water quenched below 800 Deg F in 3 minutes
- (2) All tubes tested per ASTM A1016-14
- (3) Materials is NACE MR0103-2007 compliant (per Section 2.5)
- (4) Materials is NACE MR0175/ISO 15156-2003 compliant (per Section 4.2.1)
- (5) In Compliance with EN 10204-3.1
- (6) In Compliance with RoHS Stipulation
- (7) No weld repair performed
- (8) Free from mercury contamination
- (9) Billets melt and pipes/tubes manufactured in China
- (10) All tubes 100% PMI tested
- (11) All tubes 100% Eddy Current tested

By:



James Shi

James Shi / Manager

Quality Control Department

We hereby certify that this report is true and correct.

Shanghai Pufa Stainless Steel Pipe Factory

No. 59, Shuangye Road, Wanggang, New Pudong District, Shanghai, China

PUFA™

Producer of Premium Stainless Steel Seamless Tubes

## MILL TEST REPORT

Purchaser.: Fidelity PAC Metals Ltd.				Certificate No.: 14-6-107					
Contract No.: PAC P.O. No.: P003112				Date of Issue.: 2014.6.22					
Commodity: <u>Stainless Steel Seamless Tubes</u>			Specifications: <u>ASTM A213-13/ASME SA213-13/ASTM A269-13 EAW</u>						
Process: <u>Cold Drawn</u>			Delivery Condition: OD Polished to 320 Grit						
Steel Grade	Heat Number	Lot Number	Dimensions	Quantity					
				Pieces	Quantity (ft)				
<u>TP304/TP304L</u>	<u>YX1112-025</u>	<u>5-117</u>	<u>1-1/8" x 0.065" x 20'</u>						
Chemical Composition by Weight (%)									
Element	C	Mn	P	S	Si	Cr	Ni	Mo	Co
Requirements	≤0.035	≤2.00	≤0.045	≤0.030	≤1.00	18.00-20.00	8.00-12.00		
Ladle Analysis	0.020	1.25	0.029	0.001	0.40	18.30	8.10		
Product Analysis	0.023	0.67	0.031	0.002	0.42	18.38	8.46		
Mechanical Properties									
Test Item	Elongation (% in 2")		Tensile Strength (MPa)			Yield Strength (MPa)			
			Rm			Rp / 0.2%			
Requirements	≥35		≥515			≥205			
Test Results	61/62		630/640			260/270			
Test Item	Reduction of Area Z (%)		Hardness	Cold Bend Test	Flaring Test	Flattening Test	Flange Test	P.M.I. Test	
Requirements			HRB≤80		22%	e=0.09			
Test Results			76/78		Passed	Passed			OK
Test Item	Eddy Current Test		Air Underwater Pressure Test	Ultrasonic Test	Intergranular Corrosion Test	Macroscopic Inspection			
						ASTM A262 E			
Requirements	ASTM E 426				ASTM A262 E	End Cut	Appearance		
Test Results	Passed				OK	OK	OK		

ISO 9001:2008 Certified by Intertek 110703068

PED Certified by SZUTEST 2195-PED-1221604

## Additional Remarks:

- (1) All tubes annealed to above 1900 Deg F and water quenched below 800 Deg F in 3 minutes
- (2) All tubes tested per ASTM A1016-13
- (3) Materials is NACE MR0103-2007 compliant (per Section 2.5)
- (4) Materials is NACE MR0175/ISO 15156-2003 compliant (per Section 4.2.1)
- (5) In Compliance with EN 10204-3.1
- (6) In Compliance with RoHS Stipulation
- (7) No weld repair performed
- (8) Free from mercury contamination
- (9) Billets melt and pipes/tubes manufactured in China
- (10) All tubes 100% PMI tested
- (11) All tubes 100% Eddy Current tested

By:



James Shi

James Shi / Manager

Quality Control Department

We hereby certify that this report is true and correct.

Shanghai Pufa Stainless Steel Pipe Factory

No. 59, Shuangye Road, Wanggang, New Pudong District, Shanghai, China





# SHANGHAI CRYSTAL PALACE PIPE CO., LTD

LAO GANG, PUDONG NEW AREA DISTRICT, SHANGHAI, CHINA

CRYSTAL-PALACE

## MILL TEST CERTIFICATE

ISO9001:2008 ; PED Material CERTIFICATE (No.: QAC0021058/A) DATE OF ISSUE: 2013/11/3

CUSTOMER: MARMON/KEYSTONE CANADA INC.		CERTIFICATE NO.: 2013-7-17-E-1							
P.O.NO.: BN3759		ORDER NO.: 2013-07-017-E							
COMMODITY: <u>STAINLESS STEEL SEAMLESS TUBING</u>		GRADE: <u>ASTM A213-11a/ASME SA213-10 TP304/TP304L</u>							
CONDITION: <u>COLD FINISH / SOLUTION TREATED / PICKLED / PLAIN END</u>		HEAT NO.: <u>YX1305-692</u>							
CHEMICAL CONTENTS (WT%)									
ELEMENTS	C	Mn	P	S	Si	Ni	Cr		
SPECIFICATION	≤ 0.035	≤ 2.00	≤ 0.040	≤ 0.030	≤ 0.75	8.0~11.0	18.0~20.0		
RESULTS (LADLE)	0.019	0.67	0.028	0.001	0.40	8.07	18.36		
PHYSICAL PROPERTIES									
Dimensions			0.2%YS	TS	EL	FLARING	FLATTENING	HARDNESS	EDDY
O.D	W.T	Length	(Mpa)	(Mpa)	(%)	TEST	TEST	HRB	CURRENT
(inch)	(inch)	(feet)	≥ 205	≥ 515	≥ 35			≤ 80	TEST TO E426
0.375	0.035	20	320	640	61.5	OK	OK	74	(DRILLED HOLE)
0.500	0.035	20	265	655	65.5	OK	OK	70	OK (DRILLED HOLE)
REMARKS:									
AS PER ASTM A213-11a/ASME SA213-10									
WALL THICKNESS TOLERANCE AS PER ASTM A269-10									
IN COMPLIANCE TO NACE MR0175-2003									
IC TEST TO ASTM A262 PRACTICE E									
SOLUTION HEAT TREATMENT: 1050°C X 1.5m/min									
NO WELD REPAIR WAS PERFORMED									
FREE FROM MERCURY CONTAMINATION									
COUNTRY OF ORIGIN: CHINA									
MILL TEST CERTIFICATE TO EN 10204/3.1									
INVOICE NO: YK-13-11-13									
MANAGER OF QUALITY ASSURANCE DEPARTMENT / DING WEI-GUO									
DEC 18 2013									
QC REVIEWED									





CRYSTAL-PALACE

# SHANGHAI CRYSTAL PALACE PIPE CO., LTD

LAO GANG, PUDONG NEW AREA DISTRICT, SHANGHAI, CHINA

## MILL TEST CERTIFICATE

ISO9001:2008 ; PED Material CERTIFICATE (No.: QAC0021058/A)

DATE OF ISSUE: 2014/11/30

CUSTOMER: MARMON/KEYSTONE CANADA INC.

CERTIFICATE NO.: 2014-9-1-A-5

P.O. NO.: MN4386

ORDER NO.: 2014-09-001-A

COMMODITY: STAINLESS STEEL SEAMLESS TUBING

GRADE: ASTM A213-13 / ASME SA213-13 TP304/TP304L

CONDITION: COLD FINISH / SOLUTION TREATED / PICKLED / PLAIN END / OD POLISHED 400 GRIT

HEAT NO.: YX1408-574

CHEMICAL CONTENTS (WT%)

ELEMENTS	C	Mn	P	S	Si	Ni	Cr
SPECIFICATION	≤ 0.035	≤ 2.00	≤ 0.040	≤ 0.030	≤ 0.75	8.0~11.0	18.0~20.0
RESULTS (LADLE)	0.012	0.64	0.031	0.003	0.37	8.05	18.21

## PHYSICAL PROPERTIES

Dimensions			Bundle No.	Pieces	Weight (kg)	0.2%YS			FLARING TEST	FLATTENING TEST	HARDNESS HRB	EDDY CURRENT TEST TO E426 (100%)
O.D (inch)	W.T (inch)	Length (feet)				(Mpa)	(Mpa)	(%)				
0.750	0.049	20	Z14-10-101	250	841	≥ 205	≥ 515	≥ 35	OK	OK	73	OK (DRILLED HOLE)

## REMARKS:

AS PER ASTM A213-13/ASME SA213-13  
WALL THICKNESS TOLERANCE AS PER ASTM A269-13  
IN COMPLIANCE TO NACE MR0175-2003  
IC TEST TO ASTM A262 PRACTICE E  
SOLUTION HEAT TREATMENT: 1050°C X 1.5h/min  
NO WELD REPAIR WAS PERFORMED  
FREE FROM MERCURY CONTAMINATION  
COUNTRY OF ORIGIN: CHINA  
MILL TEST CERTIFICATE TO EN 10204/3.1  
INVOICE NO: YK-14-11-73

1. WE HEREBY CERTIFY THAT THE MATERIAL DESCRIBED HEREIN HAS BEEN TESTED AND THE TEST RESULTS ARE IN COMPLIANCE WITH THE TERMS OF THE PURCHASE ORDER OR CONTRACT  
2. THE CERTIFICATE SHALL NOT BE REPRODUCED, EXCEPT IN FULL, WITHOUT THE WRITTEN APPROVAL OF THE COMPANY.  
SHANGHAI CRYSTAL PALACE PIPE CO., LTD

MANAGER OF QUALITY ASSURANCE DEPARTMENT / DING WEI-GUO

Q.C. Reviewed  
SK01/23/15



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID PO27589

Purchase Order Date 2/26/2015

PO Print Date 2/26/2015

Page Number 1 of 3

Order From : VC-MAR001

MARMON/KEYSTONE CANADA LTD.  
290 CHEMIN DU TREMBLAY  
BOUCHERVILLE, QC J4B 5X9  
CA

Ship To : DART AEROSPACE LTD  
1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

FAKED

Contact Name

Vendor Phone 800 361 8142

Ship To Contact

Ship To Phone

Ship Via: TST ground

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax #

10127-2607

Terms

Net 30

Currency

CAD

FOB

Destination-Collect

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	M304TR0.500W.035	304 RD Tube .500 x .035W	3/4/2015 Yes 3/4/2015		100.00 ✓ f	\$1.10	\$110.00
MATERIAL: AISI 304/316 SA SEAMLESS ROUND TUBING AS PER ASTM A213 OR AMSE SA213 OR ASTM A269							
Line Total:							\$110.00
2	M304TR0.750W.049	304 RD Tube .750 x .049W	3/4/2015 Yes 3/4/2015		200.00 ✓ f	\$2.00	\$400.00
MATERIAL: AISI 304/316 SA SEAMLESS ROUND TUBING AS PER ASTM A213 OR AMSE SA213 OR ASTM A269							

Line Total:

\$400.00

815-03-6

Note:

2/26/2015





Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID **PO27589**

Purchase Order Date 2/26/2015

PO Print Date 2/26/2015

Page Number 2 of 3

Order From : VC-MAR001

MARMON/KEYSTONE CANADA LTD.  
290 CHEMIN DU TREMBLAY  
BOUCHERVILLE, QC J4B 5X9  
CA

Ship To : DART AEROSPACE LTD

1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

Contact Name

Vendor Phone 800 361 8142

Ship To Contact

Ship To Phone

Ship Via: TST ground

Ship Acct:

Buyer

Customer POID

Customer Tax #

Terms

Currency

FOB

Chantal Lavoie

10127-2607

Net 30

CAD

Destination-Collect

3	M304TR0.875W.065	304 round tube .875 x .065w	3/4/2015	60.00	✓	\$5.30	\$318.00
			Yes	f			
			3/4/2015				

MATERIAL: AISI 304/316 SA SEAMLESS ROUND TUBING  
AS PER ASTM A213 OR AMSE SA213 OR ASTM A269

Line Total: \$318.00

4	M304TR1.125W.065	304 RD Tube 1.125 x .065w	3/4/2015	20.00	✓	\$13.15	\$263.00
			Yes	f			
			3/4/2015				

MATERIAL: AISI 304/316 SA SEAMLESS ROUND TUBING  
AS PER ASTM A213 OR AMSE SA213 OR ASTM A269

Line Total: \$263.00

8015-03-6.

Note:

2/26/2015





Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID **PO27589**

Purchase Order Date 2/26/2015

PO Print Date 2/26/2015

Page Number 3 of 3

Order From : VC-MAR001

MARMON/KEYSTONE CANADA LTD.  
290 CHEMIN DU TREMBLAY  
BOUCHERVILLE, QC J4B 5X9  
CA

Ship To : DART AEROSPACE LTD  
1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

Contact Name

Vendor Phone 800 361 8142

Ship To Contact

Ship To Phone

Ship Via: TST ground

Ship Acct:

Buyer

Customer POID

Customer Tax # 10127-2607

Terms Net 30

Currency CAD

FOB Destination-Collect

Chantal Lavoie

5	71401-45	PROCUREMENT QUALITY CLAUSES	3/4/2015	1.00	\$0.00	\$0.00
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No

3/4/2015

Procurement Quality Clauses

A005 right of entry

A012 chemical and physical test report

A016 personnel qualification

A017 raw material identification

A026 certification of material conformance

A041 quality management system

A042 dart notification by supplier

A043 retention of quality documents

Line Total: \$0.00

PO Total: \$1,091.00

cl h

Note: Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit [www.dartaerospace.com](http://www.dartaerospace.com) for further explanation.

Change Nbr: 1

Change Date: 2/26/2015